

# CAL POLY Report

California Polytechnic State University  
San Luis Obispo, CA 93407  
Vol. 53, No. 20 • February 10, 1999

Published by the Communications Office

## DATELINE

### Exhibits

**University Art Gallery** (Dexter): "exposures," Feb. 17 through March 14. Daily 11 am-4 pm; Wednesday, 7-9 pm.

**UU Galerie:** "The Classic Chinese Garden," through March 6. Monday-Friday 10 am-4 pm; Saturday and Sunday, noon to 4 pm.

### Wednesday, February 10

**Speaker:** Aaron Betsky (architect, curator, author), Business Rotunda, 3:10 pm.

**Vocal Master Class:** Marilyn Horne, Cohan Center Pavilion, 7 pm. (\$)

### Thursday, February 11

**Physics Colloquium:** Ronald Brown, "The Fractional Quantum Hall Effect" (1998 Nobel Prize), Science E-45, 11 am.

**Men's Basketball:** UOP, Mott Gym, 7 pm. (\$)

### Friday, February 12

**Baseball:** San Jose State, SLO Stadium, 3 pm. (\$)

**Music, Reception:** Marilyn Horne, Cohan Center, 8 pm; benefit reception, by reservation only, after concert, PAC Founders' Lounge. (\$)

### Saturday, February 13

**Baseball:** San Jose State, SLO Stadium, 1 pm. (\$)

**Softball:** San Diego State, Softball Field, noon and 2 pm.

**Men's Basketball:** Long Beach State, Mott Gym, 2 pm. (\$)

### Sunday, February 14

**Baseball:** San Jose State, SLO Stadium, 1 pm. (\$)

**Softball:** Fresno State, Softball Field, noon and 2 pm.

**Music, Dance:** "Spirit of the Dance," Cohan Center, 3 and 8 pm. (\$)

### Monday, February 15

**Holiday:** Washington's birthday observed.

### Tuesday, February 16

**Learn-at-Lunch:** Amita Ghosh and Jeanne Hogan (Psychological Services doctoral interns), "Stress — Can't Live With It, Can't Live Without It," Staff Dining Room, noon.

**Music:** Guy Budd, BackStage Pizza, noon.

### Wednesday, February 17

**Music:** Donna Wolf Trio, BackStage Pizza, noon.

**Open Forum:** On Master Plan Update. Conference Room, San Luis Obispo City-County Library, 995 Palm St., 7-9 pm.

## 2nd forum on Master Plan set for Feb. 17 downtown

What will Cal Poly be like 10, 15, 20 years from now? How many students will the university enroll? Where will they live? What about traffic, the environment, effects on the city and nearby neighborhoods?

Those and a multitude of other questions about the university's future are up for public discussion from 7 to 9 pm Wednesday, Feb. 17, at the second open forum on Cal Poly's Master Plan Update.

All Central Coast residents interested in helping chart Cal Poly's future are being encouraged to attend. The forum will be in the Conference Room of the San Luis Obispo City-County Library at 995 Palm St.

"Cal Poly has been hovering near its capacity for several years," said Linda Dalton, vice provost for institutional planning. "But now the state is facing

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## High number of students show interest in teaching

In a recent survey, more than one-third of Cal Poly students expressed an interest in becoming teachers — a figure that far surpasses the number of students now enrolled in the University Center for Teacher Education and one that raises optimism that the growing demand for new teachers can be met.

"The UCTE typically enrolls only 2 to 3 percent of the student body," said Susan Roper, UCTE director. "In my wildest imaginings I hoped for a few hundred positive respondents. When the numbers rolled in, I was amazed and delighted."

About 150 of the interested students will be invited to a "Welcome to Teaching" orientation session set for 6 to 7:30 p.m. Wednesday, Feb. 17, in the Performing Arts Center's Philips Hall.

The survey, believed to be the first of its kind in the California State University system, was given during winter quarter registration. Of the 15,765 responses, 5,768 indicated an interest in becoming a schoolteacher, about half at the elementary school level and half in secondary schools.

"What a difference the job market makes," Roper said. "Certainly the supply and demand picture explains some of the response, but other factors become apparent when I speak with young people. Lately I often feel as if I am in a time warp and am back in the '60s when I hear the idealism, the passion to make a difference, and the hankering, as the saying goes, 'to reach out and teach someone.'"

Roper said Cal Poly is seeking to recruit highly qualified students for the teaching profession.

For more information, call Roper at ext. 6-2584. □

## ADVANCEMENT

### Programmed Solutions donates software to GrC

Programmed Solutions Inc., a leading provider of business management systems to the printing industry, has donated a copy of its software to the Graphic Communication Department.

The Programmed Solutions Printing Management System addresses the issues relating to production and financial management in the printing and graphic arts industry. The system consists of 18 modules, from estimating and job planning to scheduling and billing, and includes a connection to the Internet.

In accepting the donation, Graphic Communication professor Philip Ruggles said he anticipates using the software to monitor print operations in University Graphic Systems and as the basis of a senior-level course dealing with print estimating. The capabilities of the system will also be demonstrated as part of various other courses in the print management curriculum. □

## Here's how to reach us

The *Cal Poly Report* is published every Wednesday. Items submitted by 10 am Thursday appear in the following Wednesday's edition. E-mail your articles to [polynews@polymail](mailto:polynews@polymail). □

## CAL POLY PLAN

## Academic fee increase would aid Plan goals

Academic fee increases, and how the money would be spent, are key issues of the Cal Poly Plan College-Based Academic Fee proposal currently under discussion.

The proposal would continue the vision of the 1995 plan, especially the goal of increasing students' progress toward graduation.

The proposal consists of four connected elements:

1. Campus academic fee increase of \$135/quarter, phased in over two years;
  - \$90 increase in 1999-2000 to \$135/quarter total for full-time students (\$79 for part-time);
  - Additional \$45 in 2000-01 to \$180/quarter total for full-time students (\$105 for part-time);
2. Allocation of fee revenues primarily to instructional colleges and units (after financial aid set aside);
3. College/unit investment or expenditure plans tied to Cal Poly Plan goals and principles;
4. Consultation with students and other constituents on fee and expenditure/investment plans.

### How will the College-Based Academic Fee benefit students?

For most students, coming to Cal Poly is a conscious, deliberate choice. Cal Poly has the reputation of being unique within the CSU. With its polytechnic, learn-by-doing programs, it offers a high-quality, state-of-the-art education that prepares students for professions that are demanding and quickly changing. Cal Poly's unique curricula, learn-by-doing instructional methods, state-of-the-art laboratories, advanced technology and other support come at a cost — a cost that the state of California and the CSU no longer fully support. To preserve this unique educational experience, and in fact to expand access to required classes and therefore decrease the time it takes to complete a degree, students at Cal Poly are being asked to contribute a portion

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## Architect-author-curator to speak today at 3:10

Architect Aaron Betsky, curator of architecture and design at the San Francisco Museum of Modern Art and author of several books on architecture, will speak this afternoon as part of the Winter-Spring Hearst Lecture Series of the College of Architecture and Environmental Design.

Betsky's free talk is to begin at 3:10 pm in the Business Building Rotunda (Room 213).

Betsky served as a project architect and designer for Hodgetts and Fung Design Associates and Frank O. Gehry & Associates. He co-founded and is a board member of the Los Angeles Forum of Architecture and Urban Design.

His books include "Experimental Architecture Los Angeles" and "Building Sex: Men, Women, Architecture and the Construction of Sexuality." He is a frequent contributor to the Los Angeles Times and a contributing editor for Architectural Record, ID Magazine, and Metropolitan Home.

The series is made possible by funding from The Hearst Foundation. □

## ... Master Plan

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what is called 'Tidal Wave 2,' the children of the baby boomers, and there's pressure for the campus to grow.

"We need to update our Master Plan," Dalton said. "We need to see what changes, if any, in facilities and enrollment are needed to help us meet the challenges ahead."

Forum participants will have an opportunity to join one or more task forces on built environment and technology, utilities, housing, neighborhoods, land use, environmental resources, circulation, economic impact, intergovernmental issues, and public and support services.

A forum on campus Jan. 27 drew about 50 people, mostly students, faculty members, and other employees, who gave their views on general issues as well as specific topics such as campus circulation patterns, greenspace preservation, and changes that would affect the university's neighbors.

For more information, call Deby Ryan, facilities planning information coordinator, at ext. 6-6806, or visit the Master Plan site under "What's New" on Cal Poly's home page. □

## New assignments

This is the first of an occasional *Cal Poly Report* column that will list new faculty and staff members as well as new assignments for those of us already here.

### New Foundation staff members:

- Troy Bennett, CAD Research Center, ext. 6-2673
- Christine Cobb, Foundation Human Resources, ext. 6-1151
- Dana Hix, Catering/Campus Dining, ext. 6-5943.
- Lorraine Holmes, Accounts Payable, ext. 6-2218
- Jason Johnson, CAD Research Center, ext. 6-2673

### New ASI staff members:

- Catherine Cramp, Recreational Sports, ext. 6-1366
- Ben Johnson, ASI Audio-Visual, ext. 6-5561

### New management staff member (state):

- David Conn, Academic Programs and Undergraduate Education, ext. 6-2246

### New faculty members:

- Derek Gragson, Chemistry and Biochemistry, ext. 6-7154
- Richard Lee, City and Regional Planning, ext. 6-2573
- Francis Villablanca, Biological Sciences, ext. 6-2207

Information on state staff members will be included in a future edition. □

## Leave solicitation is for Stan, not Dianne, Smith

Employees are being asked to donate sick leave and vacation credits for Stan Smith, a building service engineer in Facility Services.

An article in last week's Cal Poly Report erroneously requested leave credits for Dianne Smith in Financial Aid.

Donations of either sick leave or vacation credits will help Stan remain in full-pay status during an extended absence. Anyone interested in donating leave may request the Catastrophic Leave Donation form from solicitation coordinator Anita Biggs in Facility Services at ext. 6-5212 or by e-mail.

Eligible state employees may donate up to 16 hours total of sick leave and vacation credits per fiscal year in increments of one hour or more. □



## Campus Dining has Valentine's specials

Campus Dining wants to win your heart — and your spare Valentine's change — especially on Friday, Feb. 12.

Roses from the Poly Plant Shop, student-made chocolate truffles, and other Cal Poly products are available at the Campus Market for Valentine's Day gifts.

Specials available on Friday at campus eateries will include a half-price drink for your Valentine at Lucy's Juice Too and Tapango's, two-for-one non-fat frozen yogurt at Sweet Persuasions, and — getting to the heart of it — two-for-one cones and coffee at Julian's for those who kiss their sweeties then and there. □

## Retirement reception Feb. 18 for Lee Brown

A retirement reception for Lee Brown, technician in the Graphic Communication Department for 25 years, is planned from 2 to 4 pm Thursday, Feb. 18, in Room 209 of the Graphic Arts Building. □

## College of Ag seeks input on Experimental Farm

The College of Agriculture is reviewing the role its Student Experimental Farm has in its educational mission and has prepared a questionnaire to learn the views of students, faculty and staff members, alumni, and others — particularly those who have been personally involved with the farm.

Students and faculty members use the site to study various "alternative agriculture" practices. It includes the only land at Cal Poly officially certified for organic production.

The college is looking to establish the appropriate purpose and scope for the farm in the future. The survey seeks opinions on problems as well as positive points and asks for suggestions for changes.

For more information or to request a questionnaire, call Crop Science professor John Phillips at ext. 6-6146. Anyone interested in receiving the survey electronically should send an e-mail message to Phillips at [jphillips@calpoly.edu](mailto:jphillips@calpoly.edu).

Please note that completed surveys are to be mailed to Mark Shelton, College of Agriculture, or e-mailed to [mshelton@calpoly.edu](mailto:mshelton@calpoly.edu). □

## Community Service Awards nominations due

Nominations are being accepted for the 14th annual Cal Poly President's Awards for Outstanding Community Service, the Emerging Service Leader's Awards, and the Distinguished Faculty Service Learning Awards.

The awards are designed to:

- Recognize student groups and individual students for outstanding service to the community;
- Inspire student groups and individual students to address social needs in San Luis Obispo County; and
- Encourage students to enhance their education by becoming involved in programs that allow them to investigate, organize and lead activities without the pressure of career involvement.

To be eligible, students must have been volunteers in off-campus activities. Those activities can be class related if they extend beyond class requirements.

Faculty members might consider recommending graduating seniors for the President's Award as well as the award program in their college.

The President's Awards for Community Service will be given to an individual who has an extensive service record and to a group of students who have demonstrated long-term service.

The Emerging Service Leader's Award honors a student who has completed service during the past year, has an additional two years still to complete at Cal Poly, and shows promise of increased community service. The award also recognizes a group newly involved in volunteer activities that show promise of continuing.

The Distinguished Faculty Service Learning Awards recognize those professors who have been able to build a community service component into a curriculum to amplify a particular objective. Faculty members are encouraged to nominate themselves.

Nominations are due in the Student Life and Activities office by Friday, March 5. For a form, call the office at ext. 6-2476.

Winners will be selected by representatives from city and county government, a non-profit organization, and the university's Associated Students Inc. and Academic Senate. □

## Career Symposium set

The 20th annual Career Symposium hosted by Career Services, bigger than ever, will run from 10 am to 3 pm Thursday, Feb. 18, in the UU.

With 110 companies expected to be available to answer student questions, Chumash isn't big enough to hold the event, and it will take up most of the Union's upper level.

To help students prepare, Career Services will hold a workshop from 11 am to noon on Thursday, Feb. 11, and from 1 to 2 pm on Tuesday, Feb. 16, in Room 224 in the Career Services Building. □

## Charles Luckman, 89

Internationally renowned architect and business leader Charles Luckman, a great friend and supporter of Cal Poly's architecture program, died at his Los Angeles home Jan. 26.

Designer of the Cape Canaveral Space Center, the new Madison Square Garden in New York, the Los Angeles airport's arches, and other landmark structures, Luckman was one of two recipients of Cal Poly's President's Medal of Excellence.

During a 22-year tenure as a CSU trustee, he led the effort to allow the system's campuses to offer five-year, professional degrees. The change allowed Cal Poly's architecture program eventually to become a separate college.

President Baker said Luckman was "an extraordinarily strong supporter" of accreditation for the program. Luckman occasionally lectured, spoke twice at commencements, and was a major benefactor, donating more than \$1 million in cash and land to the university. □

## George Hellyer, 61

George Hellyer, retired professor of agribusiness, died Jan. 29 in Idaho. He taught at Cal Poly from 1980 to 1995 and again part time last fall.

Known for his work championing farmers' markets in California, at Cal Poly Hellyer was also a leader in the university's international agriculture programs and was interested in ag labor relations and cultural diversity.

Before coming to Cal Poly he had been a Peace Corps volunteer in Brazil and consultant in Iran, a land manager for Standard Oil, and a staff consultant to Gov. Jerry Brown on small farms. □



## Position vacancies

Vacancy information and applications for the following positions are available from the appropriate Human Resources office. Information can also be accessed from the Cal Poly home page on the World Wide Web (address: [www.calpoly.edu](http://www.calpoly.edu); click on "General Information").

### **FACULTY** (Adm. 312, ext. 6-2844)

Candidates interested in faculty positions are asked to contact the appropriate department office at the phone number listed for more information and an application. Please submit all application materials to the department head/chair unless otherwise specified. Rank and salary are commensurate with qualifications and experience, and timebase where applicable, unless otherwise stated.

**Post Doctoral Research Assistant, Biological Sciences** (\$11.76 - \$15.30/hr.) Support the research activities of the Lactobacillus acidophilus Genome Research project utilizing the Ordered Shotgun Sequencing approach. Requirements: A Ph.D in Microbiology, Molecular Biology or Biochemistry or related field. Position requires strong background in genome science, including PCR, cloning, sequencing, sequence analysis and annotation. Must have in-depth knowledge of bioinformatics tools and genomic library construction and genome database management. Demonstrated skills in programming languages such as UNIX, Java, and C/C++ are desirable. Closing date: Feb. 19. □

## Sun lab rep to speak on Java Feb. 19

Michael Van de Vanter of Sun Microsystems Laboratories will give a talk on "Versioned Java Packages in the JP Programming Environment" on Friday, Feb. 19, as a colloquium sponsored by the Computer Science Department.

The talk will be from 1:10 to 2 pm in Room 111 of the Business Building. □

## Grade reports on Web

With grades available on the Web, grade reports will no longer be mailed to students. Academic Records says there were 18,000 grade look-ups on Mustanginfo the week after fall quarter.

Grade reports will continue to be mailed to students on academic probation, and copies of grade reports will also be distributed to academic departments. □

## CAL POLY PLAN

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of the additional revenue that will be required. (The university will simultaneously work to expand support from corporations, private donors and government grants.)

### *What is meant by Cal Poly's unique funding needs?*

Cal Poly's polytechnic educational mission and learn-by-doing philosophy are very effective. However, this high-quality approach to teaching and learning involves special costs. In addition, because this is a polytechnic university, approximately 70 per cent of our students are enrolled in higher-cost technical programs. While CSU system funding formulas addressed the special revenue requirements of our higher-cost programs until the start of this decade, all additional enrollments since that time have been funded at a system average that does not recognize differential program costs. As Cal Poly grows, and continues to grow, its ability to preserve its polytechnic, learn-by-doing programs will erode steadily over time unless alternative sources of funding are identified.

### *What about the improving California economy? Doesn't that mean more money for higher education?*

While education is often a focus for discussion in Sacramento, the proposed state budget for the next fiscal year does not meet all of the needs of the CSU (and consequently of Cal Poly). This follows the pattern of the past two decades, when a decreasing percentage of the state budget has gone toward higher education. This trend has given rise to a concept of shared responsibility for higher education, not just at Cal Poly, but throughout the state. Here at Cal Poly, the desire to maintain quality has motivated the university to ask for involvement from students, faculty, staff, administration, alumni and the community, both in planning for the future and in providing monetary support.

### *Why a total of \$180 (including the current \$45 academic fee)?*

This is approximately the amount discussed during the first phase of the

Cal Poly Plan. The amount was established because it was considered enough to "make a visible difference."

### *Won't state funding for the university be reduced in proportion to the money raised through the College-Based Academic Fee?*

No. The university has a firm agreement with the Chancellor's Office that this will not happen.

### *Why consultation rather than a referendum?*

The consultation that is taking place now will engage many more students in discussions about investment priorities in their own college than has occurred in past referendums. The consultation will provide students with a forum for questions and answers, an opportunity to express their opinions, share different viewpoints, and interact with other students, their dean and the faculty and staff of their college, and a chance to directly shape how funds would be spent.

### **Contacts for more information or answers to questions:**

Check the Cal Poly Plan Web site for all Cal Poly Plan information (access through the Cal Poly home page at [www.calpoly.edu](http://www.calpoly.edu); click on "Cal Poly Plan").

Questions can be e-mailed to [inststdy@calpoly.edu](mailto:inststdy@calpoly.edu) or [polyplan@asi.calpoly.edu](mailto:polyplan@asi.calpoly.edu).

### **Calendar for proposal and consultation:**

- Jan. 15 and 22 – Cal Poly Plan Steering Committee authorization of consultation.

- Jan. 25 to Feb. 28 – Consultation (interim reports on consultation process February 5).

- Early March – Refinement of proposal by Academic Deans' Council based on consultation; recommendation by Cal Poly Plan Steering Committee to President Baker; referral by President Baker to Campus Fee Advisory Committee.

- Late March/early April – Decision by President Baker. □